SWAP and Tracking
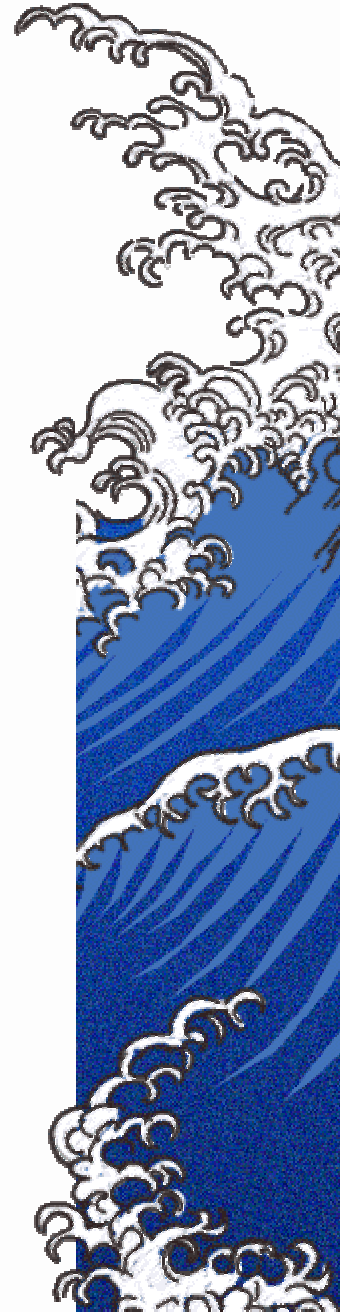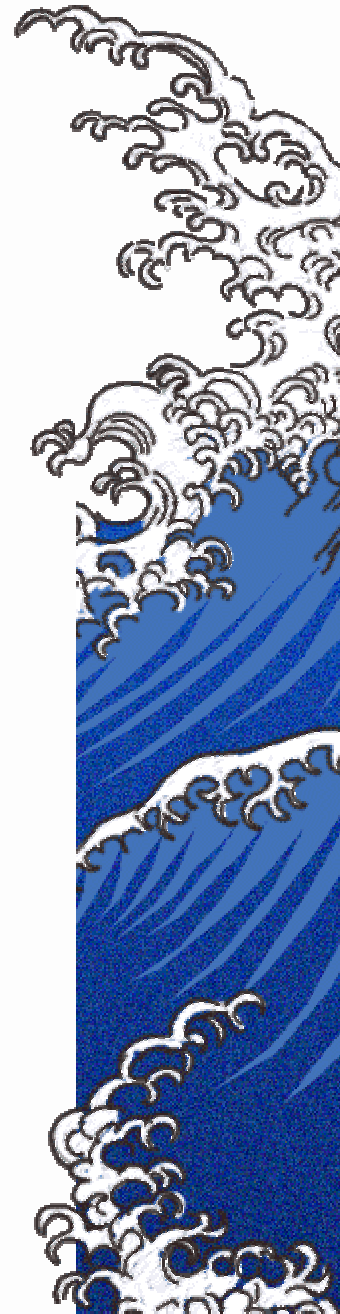
- Total of 1600 Assessments
  - 520 CWS 221 completed
  - 248 NTNC 131 completed
  - 916 TNC 494 completed
- 90% of Communities completed by 6/03
- 53% of NTNC and TNC
- Primary method of inventory
  - File review and draft maps
  - field data review with PWS.

Potential Sources of Contamination

- Approximately 21,500 PSCs have been identified
- Ranked H-M-L
- Surface
  - Stormwater drains and retention basins
  - Transportation corridors
  - Aquatic wildlife
  - Pesticide use and storage
- Ground
  - UST
  - Auto repair/gas stations
  - Hazardous materials storage and use
  - Residential

1. Select Highly Susceptible Systems

Select systems by SWAP susceptibility ranking

3. Rank Protection

Rank sources by the protection measures:

- Protected Open Space
- Protection Plans
- Local Bylaws
- Floordrain Controls

2. Rank the Threats

Rank sources by threat indications:

- # SWAP threat inventory high threats
- Further rank quality of high threats

4. Combine for Risk Ranking

List systems and sources with a high threat rank and low protection rank

5. Rank Revision by Region

Provide the prioritized list to regional office for local input in rank revision. To aid decision-making, list includes:

- Risk Rank, Threat Rank, and Protection Rank
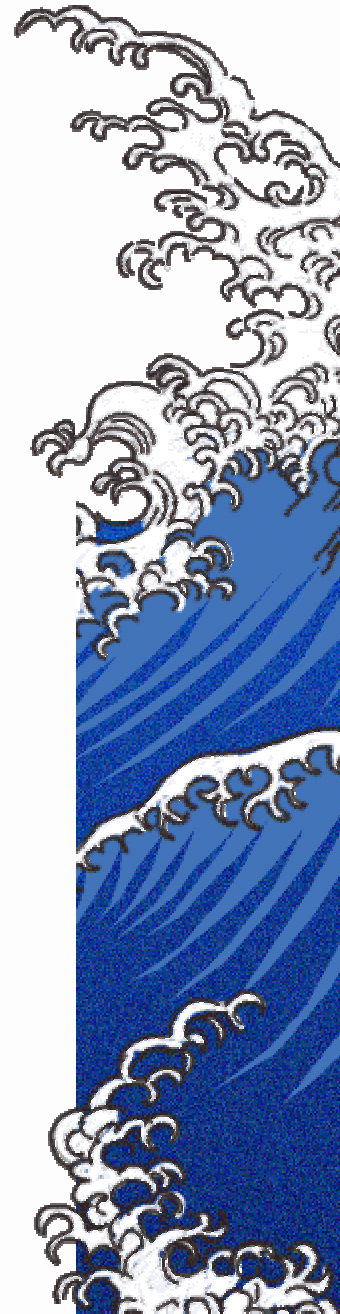- # 21Sites in protection area
- Treatment for contaminant removal

6. List Systems "at risk"

The final prioritized list of PWS is shared between Boston BRP and regions for protection implementation.

7. Protection Implementation

Prioritized systems are targeted for source protection assistance, including:

- Threat Removal and risk reduction through BMPs
- Adopting Local Controls
- Protection Planning

Future of Protection

- Next Steps
  - Prioritization of 'at Risk" systems
  - Modularized Toolkit for each PWS
  - Building local teams
- Challenges
  - Funding at state and local levels
  - Buy in by local officials
  - Public participation in source protection